

Superfund Records Center

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Baird & McGuire, Inc. NPL Site Administrative Record

Sediment Study

Index

Compiled: June 15, 1989
ROD Signed: September 14, 1989

Prepared for
Region I
Waste Management Division
U.S. Environmental Protection Agency

With Assistance from
EBASCO SERVICES, INC.
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Introduction

This document is the Index to the **Sediment Study** Administrative Record for the Baird & McGuire, Inc. National Priorities List (NPL) site. Section I of the Index cites site-specific documents, and section II cites guidance documents used by EPA staff in selecting a response action at the site.

The Administrative Record is available for public review at EPA Region I's Office in Boston, Massachusetts, and at the Holbrook Public Library, 2 Plymouth Street, Holbrook, Massachusetts, 02343. **This Administrative Record includes, by reference only, all documents included in the September 30, 1986 Administrative Record (September 30, 1986 Record of Decision) for this NPL site.** Addendum volumes may be added to this Administrative Record. Questions concerning the Administrative Record should be addressed to the EPA Region I site manager.

The Administrative Record is required by the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), as amended by the Superfund Amendments and Reauthorization Act (SARA).

**ADMINISTRATIVE RECORD INDEX
for the
Baird and McGuire, Inc. NPL Site
(Sediment Study)**

4.0 Feasibility Study (FS)

4.2 Sampling and Analysis Data

1. "Technical Memorandum - Low Flow Phase I Field Investigation Cochato River Sediment Focused Feasibility Study Holbrook, Massachusetts," E.C. Jordan Company for Ebasco Services, Incorporated (May 1988). NOTE: Oversized maps are available for review, by appointment only, at EPA, Region I, Boston, Massachusetts.
2. "Technical Memorandum - Summary of 1988 Sediment and Water Sampling Program," E.C. Jordan Company for Ebasco Services, Incorporated (January 1989). NOTE: Oversized maps are available for review, by appointment only, at EPA, Region I, Boston, Massachusetts.

4.4 Interim Deliverables

1. "Field Operations Plan Cochato River Sediment Focused Feasibility Study," E.C. Jordan Company for Ebasco Services, Incorporated (April 1988).
2. "Technical Memorandum Cochato River Diversion," E.C. Jordan Company for Ebasco Services, Incorporated (October 1988).

4.5 Applicable or Relevant and Appropriate Requirements

1. Cross Reference: "Final Focused Feasibility Study - Volume I," E.C. Jordan Company for Ebasco Services, Incorporated (June 1989). [Filed and cited as entry number 2 in 4.6 Feasibility Study (FS) Reports].

4.6 Feasibility Study (FS) Reports

1. "Draft Focused Feasibility Study - Volumes I and II," E.C. Jordan Company for Ebasco Services, Incorporated (May 1989).
2. "Final Focused Feasibility Study - Volumes I and II," E.C. Jordan Company for Ebasco Services, Incorporated (June 1989).

4.6 Feasibility Study (FS) Reports (cont'd)

3. Memorandum from Tim Conway, EPA Region I to Baird and McGuire Administrative Record (June 6, 1989). Concerning inclusion of the Draft Focused Feasibility Study in the Administrative Record.

Comments on the Feasibility Study received by EPA Region I during the formal public comment period on the Feasibility Study and Proposed Plan are filed and cited in 5.3 Responsiveness Summaries.

4.7 Work Plans and Progress Reports

1. "Final Work Plan Focused Feasibility Study," E.C. Jordan Company for Ebasco Services, Incorporated (February 1988).

4.9 Proposed Plan for Selected Remedial Action

1. "EPA Proposes Phase III Cleanup Plan for the Baird & McGuire Site/Cochato River Sediment Study Area," EPA Region I (June 1989).

Comments on the Proposed Plan received by EPA Region I during the formal public comment period on the Feasibility Study and Proposed Plan are filed and cited in 5.3 Responsiveness Summaries.

5.0 Record of Decision (ROD)

5.1 Correspondence

1. Memorandum from Jonathan Z. Cannon, USEPA to Regional Administrators Regions I-X (May 25, 1989). Concerning delegation of remedy selection authority for all Records of Decision scheduled for signature during the third and fourth quarters of fiscal year 1989.

5.2 Applicable or Relevant and Appropriate Requirements (ARARs)

1. Letter from Helen Waldorf, Massachusetts Department of Environmental Protection to Mary Sanderson, EPA Region I (July 19, 1989). Concerning the Department of Environmental Protection's concurrence with EPA on the remediation selected for this portion of the Baird & McGuire site and the submittal of comments to be considered by the EPA in designing this plan.

5.3 Responsiveness Summaries

1. Cross-Reference: Responsiveness Summary is Appendix A of the Record of Decision [Filed and cited as entry number 1 in 5.4 Record of Decision (ROD)].

The following citations indicate documents received by EPA Region I during the formal public comment period.

2. Letter from Francoise Chalvire, Holbrook resident, to Mary Sanderson, EPA Region I (June 30, 1989). Concerning questions and concerns related to the Baird & McGuire Superfund Site.
3. Comments Dated July 14, 1989 from Andrew Prasnal, Holbrook resident, on the June 1989 Baird & McGuire Proposed Plan - "EPA Proposes Phase III Cleanup Plan for the Baird & McGuire Site/Cochato River Sediment Study Area," EPA Region I.
4. Comments Dated July 17, 1989 from Denise Perrault, Holbrook resident, on the June 1989 Baird & McGuire Proposed Plan - "EPA Proposes Phase III Cleanup Plan for the Baird & McGuire Site/Cochato River Sediment Study Area," EPA Region I.
5. Comments Dated July 19, 1989 from Mrs. Donna Quinn, Holbrook resident, on the June 1989 Baird & McGuire "Final Focused Feasibility Study," Ebasco Services, Incorporated and Proposed Plan - "EPA Proposes Phase III Cleanup Plan for the Baird & McGuire Site/Cochato River Sediment Study Area," EPA Region I.

5.4 Record of Decision (ROD)

1. "Record of Decision Summary - Baird & McGuire Site/Sediment Study Area, Holbrook, Massachusetts," EPA Region I (September 14, 1989).

5.8 ROD Briefing Document

1. "Record of Decision Briefing Document," EPA Region I (September 14, 1989).

10.0 Enforcement

10.8 EPA Consent Decrees

1. Consent Decree, United States v. Baird & McGuire, United States District Court for the District of Massachusetts, Civil Action No. 83-3002-Y (January 6, 1987) (via transmittal letter from Andrew S. Hogeland, U.S. Department of Justice to Katherine Hart, U.S. District Court (January 6, 1987)).

13.0 Community Relations

13.2 Community Relations Plan

1. "Baird & McGuire Site - Community Relations Plan," EPA Region I (May 1989).

13.3 News Clippings/Press Releases

1. "EPA Study Will Investigate Cochato River Contamination," The Enterprise - Brockton, Massachusetts (November 19, 1987).
2. "EPA may reroute part of river at Baird & McGuire Site," The Patriot Ledger - Quincy, Massachusetts (April 22, 1988).
3. "EPA May Reroute River Near Pollution Site," The Patriot Ledger - Quincy, Massachusetts (April 23, 1988).
4. "Cochato Contamination a Focus of Cleanup Study," Braintree Forum and Observer - Braintree, Massachusetts (February 22, 1989).
5. "Task Force Favors Burning Cochato Sediment," The Patriot Ledger - Quincy, Massachusetts (May 24, 1989).
6. "Baird & McGuire task force gets EPA study on cleanup options," The Enterprise - Brockton, Massachusetts (May 24, 1989).
7. "Task force receives EPA report on Cochato River cleanup," The Sunday Enterprise - Brockton, Massachusetts (May 28, 1989).
8. "Residents urged to attend Cochato cleanup hearing," The Braintree Forum and Observer - Braintree, Massachusetts (May 31, 1989).
9. "EPA Announces Public Meeting to Discuss Proposed Plan for Cleanup at the Baird & McGuire Superfund Site/Cochato River Sediment Study Area," EPA - Environmental News (June 1, 1989).
10. "Burning of soil advised by EPA," The Patriot Ledger - Quincy, Massachusetts (June 8, 1989).

13.3 News Clippings/Press Releases (cont'd)

11. "EPA schedules meeting Tuesday on Baird-McGuire cleanup steps," The Enterprise - Brockton, Massachusetts (June 8, 1989).
12. "Burning of soil advised for Baird site," The Patriot Ledger - Quincy, Massachusetts (June 9, 1989).
13. "The United States Environmental Protection Agency Invites Public Comment on the Focused Feasibility Study and Proposed Plan for the Baird & McGuire Site/Cochato River Sediment Study Area in Holbrook, Massachusetts and Announces the Availability of the Site Administrative Record," The Patriot Ledger - Quincy, Massachusetts (June 10, 1989).
14. "EPA Proposes Cleanup Plan for the Baird & McGuire/Cochato River Sediment Study Area," EPA - Environmental News (June 13, 1989).
15. "EPA to explain Cochato cleanup," The Patriot Ledger - Quincy, Massachusetts (June 13, 1989).
16. "EPA outlines its incineration option at Baird-McGuire site," The Enterprise - Brockton, Massachusetts (June 14, 1989).
17. "Few residents attend Cochato cleanup meeting," The Patriot Ledger - Quincy, Massachusetts (June 14, 1989).
18. "Rep. Hayes concerned about future contamination," The Avon Messenger - Avon, Massachusetts (June 14, 1989).
19. "Rep. Hayes concerned about future contamination," The Holbrook Times - Holbrook, Massachusetts (June 14, 1989).
20. "Rep. Hayes concerned about future contamination," The Brockton News Tribune - Stoughton, Massachusetts (June 14, 1989).
21. "Cochato opposed as source of water," The Sunday Enterprise - Brockton, Massachusetts (June 18, 1989).
22. "Hayes urges people to review EPA's proposed plan," The Holbrook Times - Holbrook, Massachusetts (June 21, 1989).
23. "Residents urged to comment on Cochato cleanup," The Braintree Forum and Observer - Braintree, Massachusetts (June 21, 1989).
24. "Incineration process worries residents & non-residents," The Holbrook Times - Holbrook, Massachusetts (June 21, 1989).
25. "Cochato River comment period ends July 19," The Randolph Mariner - Marshfield, Massachusetts (July 6, 1989).

13.3 News Clippings/Press Releases (cont'd)

26. "EPA seeks bigger turnout for river cleanup hearing," The Patriot Ledger - Quincy, Massachusetts (July 11, 1989).
27. "Public meeting set to review Cochato River cleanup plan: EPA's \$1.04M proposal to be discussed," The Enterprise - Brockton, Massachusetts (July 11, 1989).
28. "Small turnout at hearing is satisfied with EPA's cleanup plan for river," The Enterprise - Brockton, Massachusetts (July 13, 1989).
29. "Only 15 at hearing on cleanup of Cochato: Last chance to make oral comments to EPA," The Patriot Ledger - Quincy, Massachusetts (July 13, 1989).
30. "Few residents commented on EPA incineration for Cochato River," The Holbrook Times - Holbrook, Massachusetts (July 19, 1989).
31. "EPA Finds No Evidence of Dioxin in Lake," The Patriot Ledger - Quincy, Massachusetts.

13.4 Public Meetings

1. "Summary of the Public Informational Meeting on the Focused Feasibility Study and Proposed Plan for the Baird & McGuire Superfund Site/Cochato River Sediment Study Area," ICF Technology Incorporated (June 13, 1989).
2. Transcript, Public Hearing on the Proposed Phase III Cleanup Plan for the Baird & McGuire Site/Cochato River Sediment Study Area, Holbrook, Massachusetts (July 12, 1989).

17.0 Site Management Records

17.7 Reference Documents

1. "An Epidemiologic Investigation of Adverse Birth Outcome Data for Holbrook and Surrounding Communities: 1980 - 1984," Massachusetts Department of Public Health (December 1985).
2. "Report of Fisheries Investigation to screen for 2,3,7,8 Tetrachlorodibenzo-p-dioxin Associated with the Baird & McGuire Hazardous Waste Site, Holbrook, Massachusetts, 1985," John J. Jonasch, Massachusetts Department of Environmental Quality Engineering (1985).
3. "Assessing the Risks of Incinerating Dioxin-Contaminated Soil," Paul C. Chrostowski, Sarah A. Foster, Andrea Fogg, HMCRI'S HAZARDOUS MATERIALS CONTROL, Volume 2, Number 4 (July-August 1989).

17.7 Reference Documents (cont'd)

4. "Silt Curtain Reference Materials," EPA Region I [via Memorandum from Mary Sanderson, EPA Region I to File (September 11, 1989)].
5. "Calculation of Dissolved Contaminant Concentrations; Cochato River Sediment Study," EPA Region I [via Memorandum from Mary Sanderson, EPA Region I to File (September 11, 1989)].
6. "Incineration of a Chemically Contaminated Synthetic Soil Matrix (SSM) Using a Pilot-Scale Rotary Kiln System," M.P. Esposito, M.L. Taylor and C.L. Bruffey, PEI Associates, Inc., and R.C. Thurnau, USEPA.
7. "ENSCO MWP-2000 Transportable Incinerator," John H. Lanier, Environmental Systems Company.
8. "Epidemiologic Analysis: Holbrook," Massachusetts Department of Public Health, Center for Health Promotion and Environmental Disease Prevention.

18.0 Initial Remedial Measure (IRM) Records

18.4 Initial Remedial Measure (IRM) Reports

1. "Project Closeout Report," EPA Region I (January 1988).

SECTION II
GUIDANCE DOCUMENTS

BAIRD & MCGUIRE, INC.
SEDIMENT STUDY
NPL SITE ADMINISTRATIVE RECORD
GUIDANCE DOCUMENTS

EPA guidance documents may be reviewed at EPA Region I, Boston, Massachusetts.

General EPA Guidance Documents

1. "Appendix D - Protection of Wetlands: Executive Order 11990," 42 Federal Register 26961 (1977). [C003]
2. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Community Relations in Superfund: A Handbook (Interim Version) (EPA/HW-6), June 1988. [7000]
3. U.S. Environmental Protection Agency. Environmental Research Laboratory. EPA Guide for Minimizing the Adverse Environmental Effects of Cleanup of Uncontrolled Hazardous-Waste Sites (EPA-600/8-85/008), June 1985. [2001]
4. "National Oil and Hazardous Substances Pollution Contingency Plan," Code of Federal Regulations (Title 40, Part 300), November 20, 1985. [C003]
5. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Remedial Design and Remedial Action Guidance (OSWER Directive 9355.0-4A), June 1986. [2011]
6. U.S. Environmental Protection Agency. Office of Research and Development. Hazardous Waste Engineering Research Laboratory. Handbook for Stabilization/Solidification of Hazardous Wastes (EPA/540/2-86/001), June 1986. [2302]
7. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Mobile Treatment Technologies for Superfund Wastes (EPA 540/2-86/003(f)), September 1986. [2311]
8. Comprehensive Environmental Response, Compensation, and Liability Act of 1980, amended October 17, 1986. [C013]
9. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Superfund Public Health Evaluation Manual (OSWER Directive 9285.4-1), October 1986. [5014]
10. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Interim Guidance on Superfund Selection of Remedy (OSWER Directive 9355.0-19), December 24, 1986. [9000]

General EPA Guidance Documents (cont'd)

11. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Data Quality Objectives for Remedial Response Activities: Development Process [7101] (EPA/540/G-87/003), March 1987.
12. Memorandum from J. Winston Porter to Addressees ("Regional Administrators, Regions I-X; Director, Waste Management Division, Regions I, IV, V, VII, and VIII; Director, Emergency and Remedial Response Division, Region II; Director, Hazardous Waste Management Division, Regions III and VI; Director, Toxics and Waste Management Division, Region IX; Director, Hazardous Waste Division, Region X; Environmental Services Division Directors, Region I, VI, and VII"), (July 9, 1987). Concerning interim guidance on compliance with applicable or relevant and appropriate requirements. [C0557]
13. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. Additional Interim Guidance for Fiscal Year 1987 Record of Decisions (OSWER Directive 9355.0-21), July 24, 1987. [C001]
14. U.S. Environmental Protection Agency. Office of Health and Environmental Assessment. A Compendium of Technologies Used in the Treatment of Hazardous Waste (EPA/625/8-87/014), September 1987. [2300]
15. U.S. Environmental Protection Agency. Technology Screening Guide for Treatment of CERCLA Soils and Sludges (EPA 540/2-88/004), September 1988. [C090]
16. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance for Conducting Remedial Investigations and Feasibility Studies Under CERCLA (EPA/540/G-89/004) (OSWER Directive 9355.3-01), October 1988. [7007]
17. U.S. Environmental Protection Agency. Office of Emergency and Remedial Response. Guidance on Remedial Actions for Contaminated Ground Water at Superfund Sites (EPA/540/G-88/003) (OSWER Directive 9283.1-2), December 1988. [2413]
18. "Summary of the Requirements: Land Disposal Restrictions Rule," EPA Region I. [C094]

Baird & McGuire (Sediment Study) NPL Site Specific Guidance Documents

1. "Guidelines for Ground-Water Classification Under the EPA Ground-Water Protection Strategy," USEPA, December 1986. [2404]
2. U.S. Environmental Protection Agency. Office of Solid Waste and Emergency Response. The Superfund Innovative Technology Evaluation Program: Progress and Accomplishments (EPA /540/5-88/001), February 1988. [C085]
3. "Evaluation of the B.E.S.T.* Solvent Extraction Sludge Treatment Technology Twenty-four Hour Test," Gerard W. Sudell, Enviresponse, Incorporated. [C087]
4. "Guidance for Compliance with Requirements of the Safe Drinking Water Act," Chapter 3 of the Draft Clean Water Act/Safe Drinking Water Act (CWA/SWDA) Volume of the Superfund Compliance Manual.
5. U.S. Environmental Protection Agency. Office of the Administrator. Report of the Sediment Study Criteria Subcommittee - Evaluation of the Apparent Effects Threshold (AET) Approach for Assessing Sediment Quality (SAB/EETFC/89/027), July 1989. [C096]
6. Department of the Army. U.S. Army Corps of Engineers. New Bedford Harbor Superfund Project, Acushnet River Estuary Engineering Feasibility Study of Dredging and Dredged Material Disposal Alternatives - Report 10: Evaluation of Dredging and Dredging Control Technologies (Technical Report EL/88/15), November 1988. [C097]